Onedrous™ Integrated Toilet and Bidet

TH-0111 Toilet bowl installation

Contents in Box 1 of 2

To view installation video scan **QR code** with mobile device

“Important safeguards/general cautions” - information that can protect user from safety hazards.
Please read carefully for proper usage.

- This user manual contains the products warranty. Please submit to our warranty department within 15 days of purchase.

Toilet bowl installation guide

Contents can be found in box 1 of 2
Before installing the Onedrous (chinabowl) , be sure to read the safety instructions.

⚠ Attention before installation

⚠ WARNING - If the chinabowl is cracked please wear safety gear (goggles, gloves) when handling it.

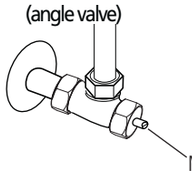
⚠ CAUTION

1. Please install the product as described in the manuals.
2. Install the Onedrous to a level floor (If floor is not level the Onedrous may not flush properly).
3. Do not apply excessive force to the Onedrous when installing it. Such force could break the chinabowl.
4. Onedrous is designed for installation in a house and to a water source that cannot freeze. If the water freezes it may crack the chinabowl.
5. Onedrous may clog if diapers, sanitary napkins and/or wipes are flushed.

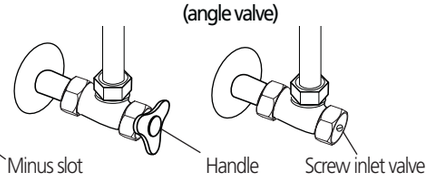
■ Check water supply valve in bathroom

This product should be installed using the included t-valve

■ General inlet valve (angle valve)



■ Screw inlet valve (angle valve)



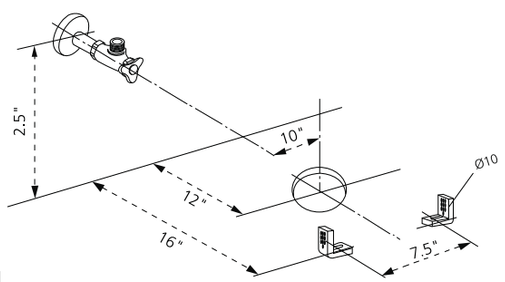
■ For special plumbing, you may need a licensed plumber.

■ Before Installation

Toilet space requirements:

1) Distance between finished wall and the center of the floor drain **must be 12" (305mm)**
2) Water supply should be approximately 10"(250mm) to the left (facing the bowl) from the center line of the flange and approximately 2-1/2"(60mm) above the finished floor.
3) Using the provided template, confirm the installation dimensions of the Rough-in and the mounting blocks.

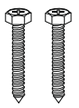
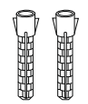
Water Pressure
Typically the standard range of working pressure is 20 to 80 psi static.
The Onedrous requires a minimum working water pressure of 15 psi flowing.



■ INCLUDED PARTS (In the box labeled 1 of 2)

Check to make sure you have all these parts from the package

FLANGE PART					
	2 X NUT	2 X WASHER	2 X T-BOLT	1 X PACKING	1 X FLANGE

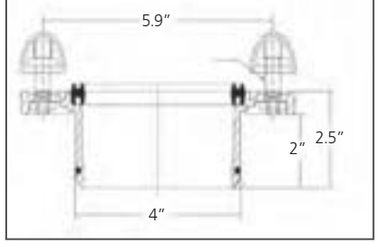
MOUNTING BLOCK PART							
	2 X CAPS	2 X SCREWS	2 X BUSHINGS	2 X WASHERS	2 X LAGBOLTS	2 X LAGBOLT ANCHORS	2 X MOUNTING BLOCKS

OTHERS	1 x WATER SUPPLY VALVE
	PAPER INSTALLATION TEMPLATE
	INSTALLATION MANUAL

COMMON TOOLS NEEDED

* 12" Pipe Wrench
* Screwdriver
* 10" Adjustable wrench
* Putty knife
* Carpenter's level
* Drill * Pliers
* Tape Measure
* Goggles * Wax ring(option)
* Silicone for caulking

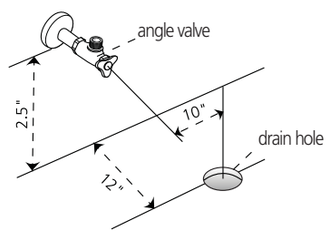
Flange Size



■ Installation method

1 Fixed angle valve

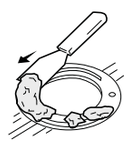
Must use fixed angle valve, and not elbow shaped handle as per the below diagram.



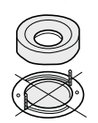
2 Remove the old wax

If replacing an existing toilet with the Onedrous you may be able to use the existing flange and simply replace the old wax ring with a new wax ring. If using existing flange, skip to step 9.

Remove the old wax.



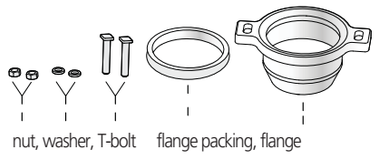
Install the new wax ring on the flange.



NOTE If the existing flange does not fit the Onedrous, use enclosed flange and follow the directions. When using the wax ring, follow the instructions above.

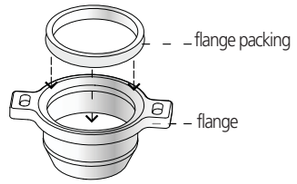
Toilet bowl installation guide

3 Flange components



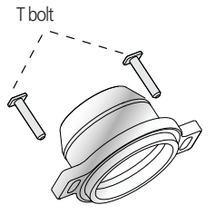
4 Flange packing + flange

- Insert flange packing to flange



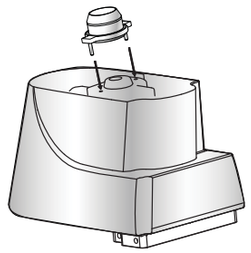
5 Flange + bolt

- Insert bolt to flange
  (note the direction of the bolt)



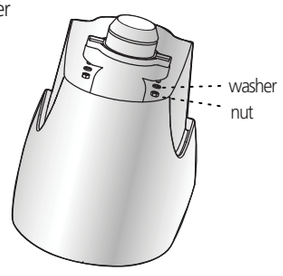
6 Flange + Toilet bowl

- Turn toilet bowl upside down
- Insert flange to toilet bowl



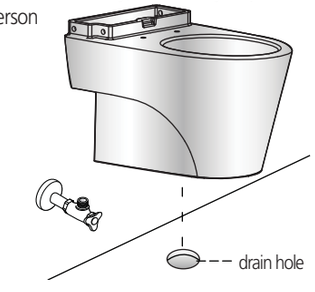
7 Flange + Toilet bowl nut

- Assemble flange to toilet bowl by using nut and washer



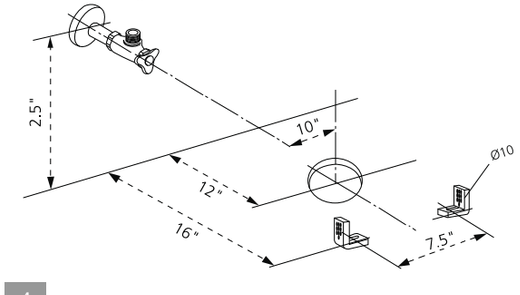
8 Insert drain hole to ensure proper fit

- Turn toilet bowl right side up onto its base
- Please handle carefully, as this may require more than one person



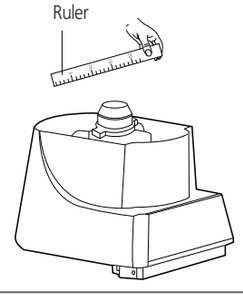
9 Remove toilet bowl and place aside.

- Tape installation template to floor and begin to affix hanger as shown in picture below.



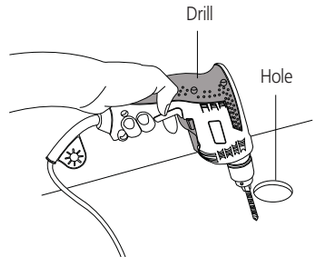
10 check the place for installation

- Please check the position and distance for installation with ruler



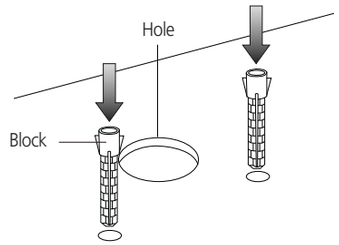
11 Install the concrete anchor

- Check the position for concrete anchor and drill a hole with electric drill.

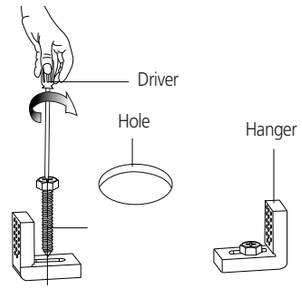


12 Install concrete anchor

- Put the concrete anchor into hole with hammer.

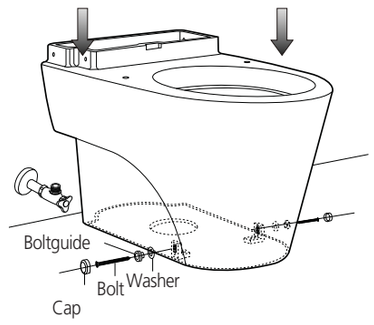


13 Put hanger on the hole and fix it with bolts

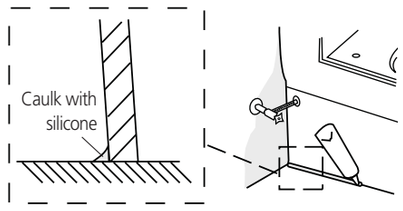


14 Fix the toilet bowl

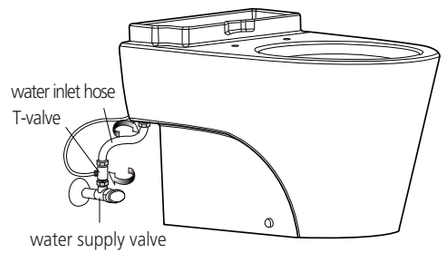
- Place the toilet bowl



15 Caulk with silicone



16 Fix the toilet bowl like below picture.



Trouble shooting

※ Please be sure to check the following aspects before asking for help.

Trouble shooting	Factors to check
The water does not spray	- Check if the water tank is filled. - See if the water valve is open - Check if the water filter (strainer) is clogged.
The unit is not operating	- Check if the power cord is connected. - See if the power is turned off from the main unit. - Make sure that the Skin sensor on the seat touches your skin when you sit on the seat.
Water is leaking	- Ensure plumbing is properly connected. If water is leaking from the main unit disconnect and contact service personnel.
Water pressure is weak	- Check if the water pressure is set to "low"
Seat, water and dryer is not warm	- See if seat temperature is set to "low". - See if the water temperature is set to "low". - See if the dryer temperature is set to "low".
When the nozzle doesn't come out	- Make sure skin is touching Skin sensor
When water is cold or warm	- Adjust the temperature
Body unit shakes	- Tighten the bolts (do not over-tighten)
Dryer does not work	- Make sure skin is in contact with skin sensor

Specifications

Specification		TH-0111
Power rating		120V / 60Hz / 1400W
Water inlet type	Type	Direct inlet Flow Type, Low Tank
	Water inlet pressure	1.0 ~7.0 kgf/cm² (14.2psi ~ 99.6 psi)
Wash device	Back	Max. 700cc ± 150cc / min
	Front	Max. 700cc ± 150cc / min
	Water pressure adjustments	1 ~ 5 levels
	Warm water temperature control	Room Temp. ~ 93.2℉, 98.6 ℉, 104 ℉
	Heater	1340W
	Safety device	Bi-metal, Thermal fuse, Flow sensorHeated
Heated Seat	Temperature control	Room Temp. ~ 93.2℉, 98.6 ℉, 104 ℉
	Heater	55W
	Safety device	Thermal fuse, temperature sensor in seat, Prevent low-temp burning
Warm Air Dryer Device	Warm air control	Room temp ~ 113 ℉ , 5 levels
	Heater	250W
	Safety device	Thermal fuse
Turbo wash function		○
ELB		×
Economy mode		○
Deodorizer		○
Inlet water temperature		41℉~ 93.2℉ (recommended 54℉~ 93.2℉)
Ambient temperature		41℉~ 104℉ (recommended 54℉~ 93.2℉)
Dimensions		W: 415mm(16.34inch) L: 695mm(27.36inch) H: 145mm (5.71inch)
Weight		43.74kg (96.43 lbs) (China bowl:38kg(83.78lbs) Bidet:5.74kg(12.66lbs)

* Recommended water pressure is 1.0 ~7.0 kgf/cm²

Information to the user

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment and limited warranty.

Onedrous™ Integrated Toilet and Bidet

TH-0111 User Manual

User manual covers the installation of the bidet toilet seat in box labeled 2 of 2, and the toilet in box labeled 1 of 2.

To view installation video scan **QR code** with mobile device

"Important safeguards/general cautions" - information that can protect user from safety hazards.
Please read carefully for proper usage.

- This user manual contains the products warranty. Please submit to our warranty department within 15 days of purchase.

Product Features

	Front Wash For her front wash	AUTO	**Auto flush** Automatically flushes toilet
	Back Wash For his and her back wash		**Sleep mode** Minimize electricity consumption when not in use
	Turbo wash Oscillating water stream	°C	**Protection from low temperature burn** Protect user from low temperature burn
	Dry Warm air dryer		**Protection from electrical short** If short in electrical, special breaker cuts the power
	Oscillating Adjustable nozzle moves back and forth to wash		**Antibacterial resin** Antibacterial resin for nozzle, seat, and seat cover
°C	**Continuous** Adjustable water temperature - 4 levels		**Manual Control** Manual control on main unit in lieu of remote control
°C	**Seat temperature control** Adjustable seat temperature - 4 levels	Self	**Self-Diagnosis** Automatically runs diagnostic
°C	**Dryer temperature control** Adjustable air dryer temperature - 5 levels		**Soft opening and closing** Seat cover and seat opens and closes slowly
	Automatic Self-Cleansing Stainless Nozzle Nozzle contains a stainless cap to prevent debris. Nozzle is automatically washed before and after each use.		**Water filters** Improves hygiene by filtering out contaminates from tap water
	Deodorizer To remove odor from toilet bowl	ROYAL LINE	

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1 IMPORTANT SAFEGUARDS

READ ALL INSTRUCTIONS BEFORE INSTALLATION AND USE

The following terms are used in this manual to indicate hazards.

Danger Indicates an immediately hazardous situation

Caution Indicates potentially hazardous situation and, if not avoided, may result in minor or moderate injury or damage to the unit.

Prohibited Emphasis on what not to do

Instructions How to operate and install unit

DANGER - To reduce the risk of electrocution:

1. Do not place or store product where it can fall or be pulled into a tub or sink.
2. Do not place in or drop into water or other liquid.
3. If unit falls into water, unplug unit and remove from water.

CAUTION - To reduce the risk of burns, electrocution, fire, or injury to persons.

1. Close supervision is necessary when this unit is used by children, elderly, or disabled.
2. Use this product only for its intended use as described in this manual.
   Do not use attachments not recommended by the manufacturer.
3. Never operate this product if it has a damaged cord or plug or if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination and repair.
4. Keep the cord away from heated surfaces.
5. Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and the like.
6. Do not use the unit if you are sleeping or tired to the point of being drowsy.
7. Never drop or insert any object into any opening or hose.
8. Do not use outdoors or operate where aerosol (spray) or oxidated products are being used.
9. Unplug this product before filling. Fill (reservoir) with water. Do not overfill (or specify filling instructions)

SAVE THESE INSTRUCTIONS

2 Cautions Before Installation

WIRING REQUIREMENT

THIS PRODUCT MUST BE PLUGGED into a 120V grounded GFCI outlet. (North America 120V ac, 60Hz).
The rated power consumption is 1400W.
In locations where only a standard two prong outlet is available, it is the responsibility of the user to install a grounded three-prong outlet. Using high voltage is dangerous and may result in a fire, other accident, or damage to the unit.
Manufacturer is not responsible for damage resulting from high voltage, or operating without proper grounding.

CAUTION

This product should be on its own circuit. Sharing a circuit could cause the branch circuit fuse to blow or the circuit breaker to trip. Continuous usage under these conditions may result in fire or damage to the unit.

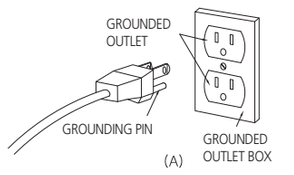
GROUND INSTRUCTIONS

This appliance has to be grounded.

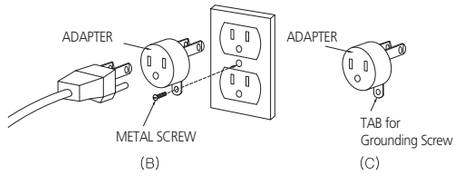
1. This unit must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock. This unit is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly grounded.

2. This unit is for use with a 120V circuit, and has a grounding plug (see sketch A in Figure 1). If a properly grounded outlet is not available, a temporary adapter, (see sketch B and C) may be used to connect plug to a 2 - pole receptacle. The temporary adapter should be plugged into a properly grounded outlet (sketch A) and should be installed by a licensed electrician. The green colored rigid ear and lug, extending from the adapter must be connected to a permanent ground.

Preferred Connection



Temporary Connection



- Figure 1-

DANGER

Improper grounding can result in electric shock. Electric wiring has to be done in accordance with all local codes, or in the absence of local codes, with National Electrical Codes.

The use of an extension cord is not recommended or advised. If it is necessary to use an extension cord, use only a three-prong extension cord (one to one), and a three slot built-in GFCI receptacle that will accept the plug for this product. The marked rating of the extension cord should be equal to or greater than the electrical rating of the unit (10amp). Consult a licensed electrician if you are not sure whether it is properly grounded.

General Cautions

The following terms are used in this manual to indicate hazards.

Danger Indicates an immediately hazardous situation

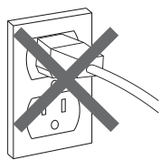
Caution Indicates potentially hazardous situation and, if not avoided, may result in minor or moderate injury or damage to the unit.

Prohibited Emphasis on what not to do

Instructions How to operate and install unit

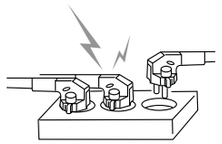
Safety Warning

Do not plug in the power cord before connecting the water supply hose



- May result in fire or damage to the unit.

Do not plug in the power cord before connecting the water supply hose



- This product is only for 120V

This unit requires a dedicated outlet

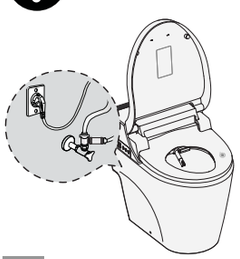
Children, elderly, patients and those who are physically limited should use the low temperature setting for the seat, water, and dryer.

After using the unit at high temperatures, the temperature should be readjusted to "Low" for the elderly, children, and those with sensitive skin.

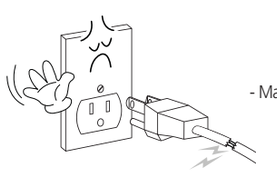
When cleaning the product, do not use detergent (oxidized products, sink products, toilet cleaning products, and any type of stain remover) on the external surface of the electronic toilet seat. Also do not spray air fresheners onto seat as the unit has a deodorizer.

- Using cleaning detergents or air fresheners can change the color of the external Surface and can also cause problems with function of the seat.

Connect the product to cold water supply.



The product must be connected to a 120V power source. Do not connect power cord if the cord is damaged or broken. Do not plug the unit into a loose electrical outlet.



- May cause fire or electric shock

Safety Warning

Do not separate, disassemble, or repair the unit, or allow foreign substances inside the unit.

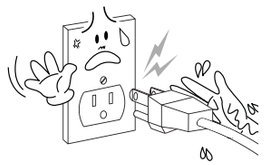
- Only qualified service personnel should repair this product.

Do not splash water on the main unit or power cord, and do not utilize it in areas of high levels of humidity

This product must be grounded before usage and plugged into an AC120V/60Hz power outlet. Please ground to prevent from electric shock.

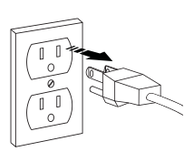
- May cause an electric shock or damage to the unit if not properly grounded

Do not plug or unplug the power cord with wet hands



- It can cause electric shock or bodily injury

Unplug the power cord when cleaning the product. Turn off power to outlet prior to installing unit.



- May cause failure or electric shock

Keep the cord away from flammable substances.

Sitting on seat or using dryer for a long time may cause low temperature burns.
Those who cannot adjust the temperature or those who have sensitive skin should take special precautions.

General caution

Do not stand on seat or seat cover.
Do not sit on closed seat cover.

- Do not stand on top of the seat cover, seat or main body unit.
- This can damage or break the unit.

Do not use a broken product.

Do not slam or close the seat cover forcefully, may cause damage to the soft closing feature.

- Can damage the product

Prevent children from putting foreign substances or inserting their hand into the dryer outlet or onto the nozzle

- Can cause burns
- Can cause product failure

Do not pull the connecting hose forcefully or bend it.

- Water may leak or not be supplied.

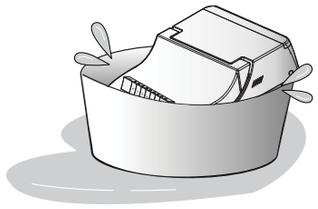
Constant direct sunlight may cause discoloration of unit

- May cause discoloration

When the following people sit down on the seat, a guardian should pay extra attention so that they will not fall when sitting on the toilet seat or standing up from it. - Children, elderly, or those who cannot independently sit or stand on the seat.

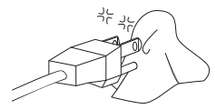
General caution

Never put the product in water



- May cause electric shock or damage the product

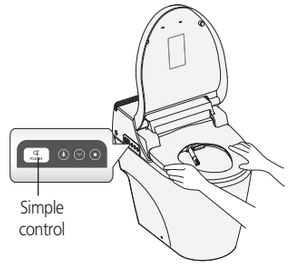
When cleaning power cord, please clean with dry cloth



A guardian should be present when the seat is in use by a child.

- May cause injury

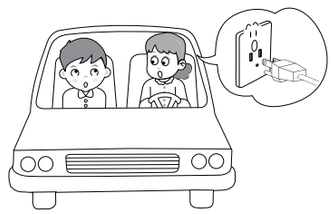
Do not push the control button, if not using the product.



Do not let urine contact the dryer outlet or nozzle area.

- May cause failure
- If nozzle is clogged, please clean with a soft brush.

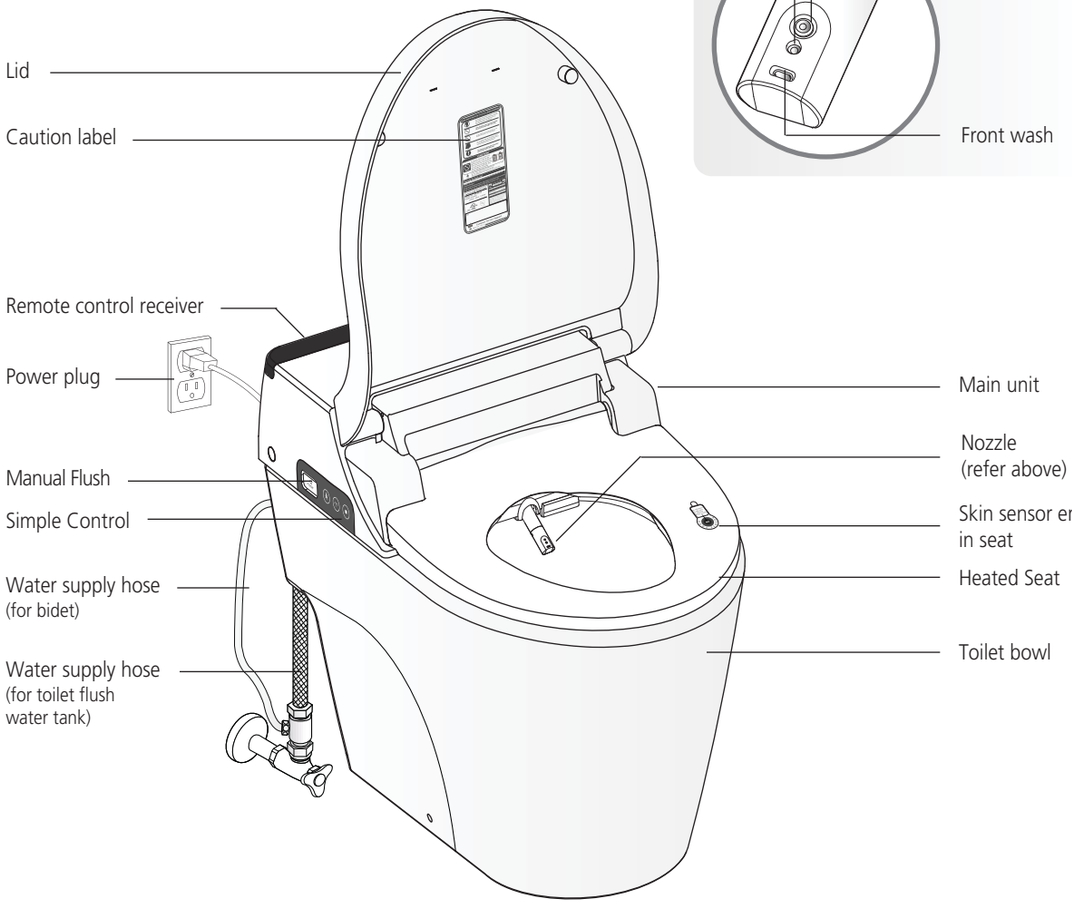
When cleaning or not using the product over a long period of time, be sure to unplug the unit. (Refer to page 27)

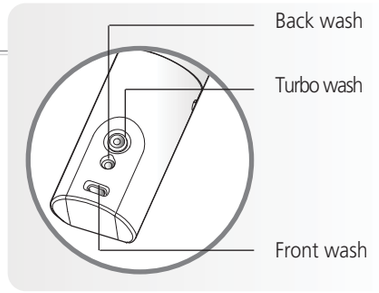


- May cause electric shock

Sitting on seat or using dryer for a long time may cause low temperature burns.
Those who cannot adjust the temperature or those who have sensitive skin should take special precautions.

Main unit





Product components

For plumbing

T valve

Water supply hose
(for toilet flush water tank)

For product fixation

Front packing and bolt (2pcs)

Side packing and bolt (2pcs)

For remote control

Remote control
Holder

1.5v AAA type
Battery (2pcs)

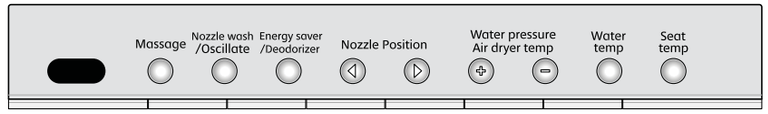
Installation instructions

User manual

Quick Guide

Remote control

» Remote control



» Remote control front

Main function

STOP — Stop all operation	TURBO WASH — Turbo wash
BACK WASH — Back wash	DRY — Dry washed area
FRONT WASH — Front wash	FLUSH setting AUTO — Flush the toilet

Extra function

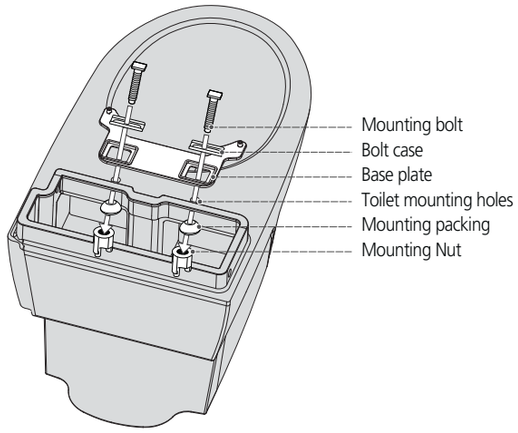
Massage — When selected during wash function, it starts massage wash. (To stop function push the button one more time.)	
Nozzle wash — Washes nozzle for 20 seconds	Oscillate — When selected during wash function nozzle oscillates automatically for a wider wash. To stop oscillating function, push the button again.
Energy saver — With automatic energy function, the seat temperature will stay at 89.6℉. If no one is using bidet, it returns to sleep mode. The automatic sleep mode can be adjusted by pressing energy safe button. (On/Off)	
Deodorizer — After user stands up from seat, it works approximately one more minute and then automatically turns off. When the dryer function is selected, deodorization stops. After dryer function stops, deodorization starts again. (normal operational conditions) Deodorizer starts again when user sits on the seat.	
Water/ Dryer — The water pressure and dryer temperature can be adjusted 5 levels	Nozzle Position — The nozzle position can be adjusted 5 levels.
Water temp — The water temperature can be adjusted 4 levels (off, low, middle, high) and can be checked by LED light	Seat temp — The seat temperature can be adjusted 4 levels (off, low, middle, high) and can be checked by LED light

5 Setting up bidet onto toilet and using the auto flush

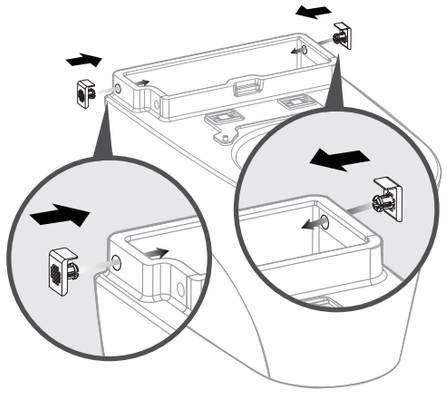
※ Bidet and contents can be found in box labeled 2 of 2.

1 Install base plate

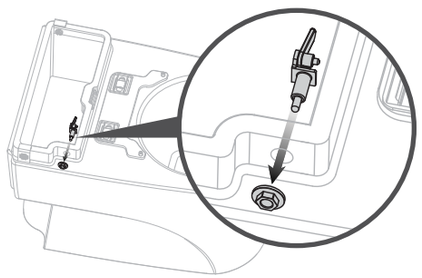
- Please make sure to tighten bolts and nuts.

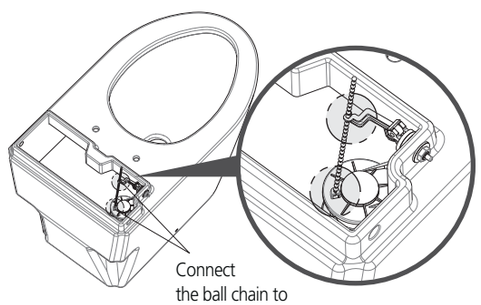


2 Fixed hinge install



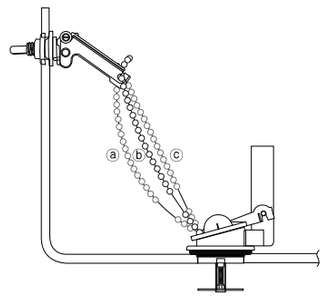
3 Manual water flush lever





Connect
the ball chain to
toilet lever and
siphon cover.

4

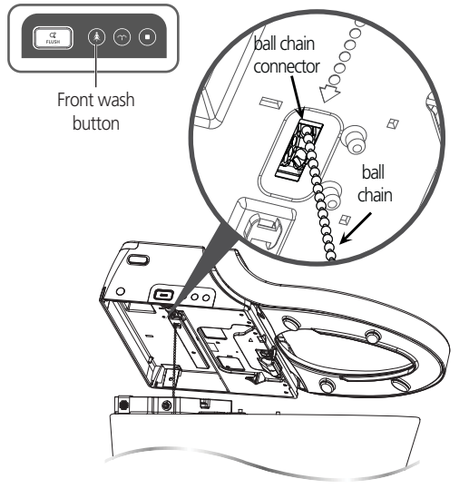


ⓐToo long(X), ⓑSuitable(O), ⓒToo short(X)

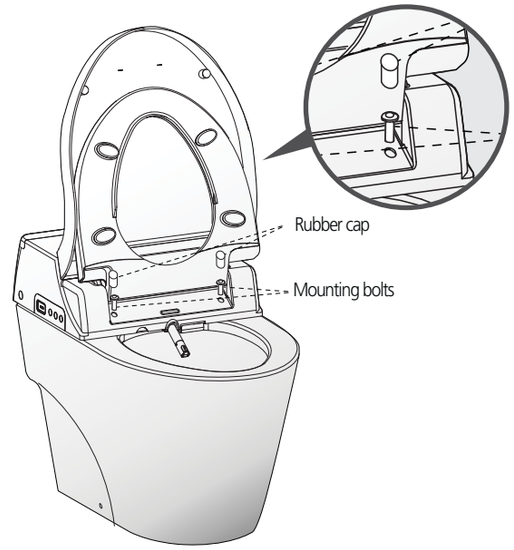
Adjust the length of ball chain by examining the functioning state of plug.

5 Connecting water flush ball chain

1) Plug in power and unit will beep.
2) Press "Front wash" button on slim key (side button / seat unoccupied) for about 3 seconds, the ball chain will begin turning.
3) Insert ball chain to the ball chain connector as photo below
※ Make sure that the ball chain is inserted properly and place the bidet on the toilet bowl.
※ After checking ball chain, place the bidet on the toilet bowl.
4) After installing from mounting bolts (#5) and rear mounting bolts (#6) press "Front wash" button on slim key for about 3 seconds to initialize.

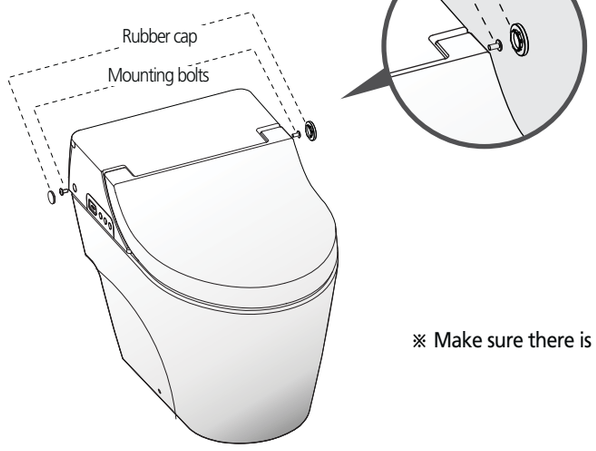


6 Installing front mounting bolts



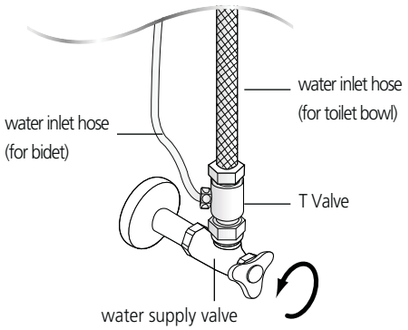
7 Installing rear mounting bolts

- Please turn mounting bolts gently with hand.
(Do not use power tools or driver)



8 Connect the flexible tube

– Connect the flexible tube with T-valve and turn water supply valve to allow water to flow.



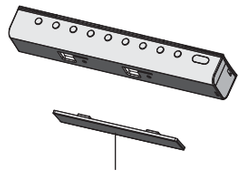
※ Make sure there is no water leakage. Do not use power tools or screw driver.

6 Setting up and using the remote control

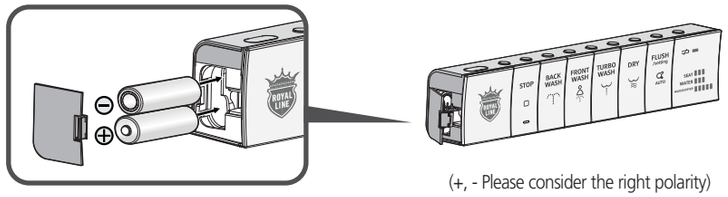
■ Setting up remote control

Remote control holder should be installed in an area that will not be exposed to water

- Make sure that the selected spot will not be exposed to water and the area where you intend to affix the holder is clean and dry.
- Place remote control holder in convenient spot near the toilet bowl.
- Place 2 AAA type batteries into remote control

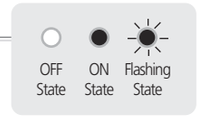


Back side of
double sided tape

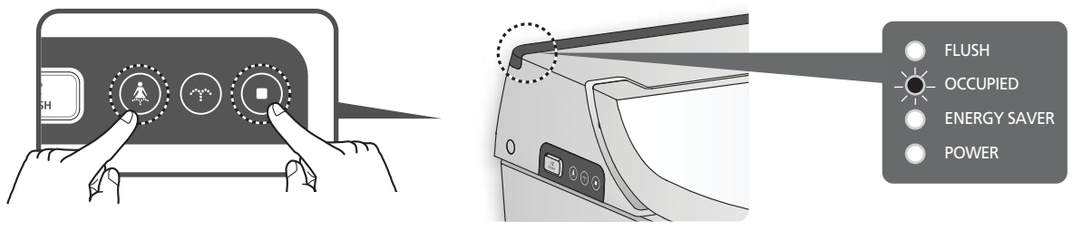


(+, - Please consider the right polarity)

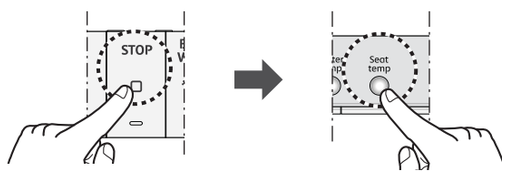
■ Initial setting for RF transmission remote control

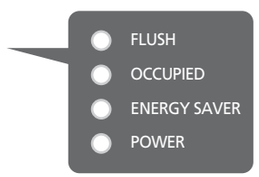


❶ Without sitting on the unit, push and hold the (top) and (front wash) button for 5 seconds on the simple control until the seat LED turns on.



❷ Push the (stop) button and (seat) button at the same time on the remote control for 10 seconds.



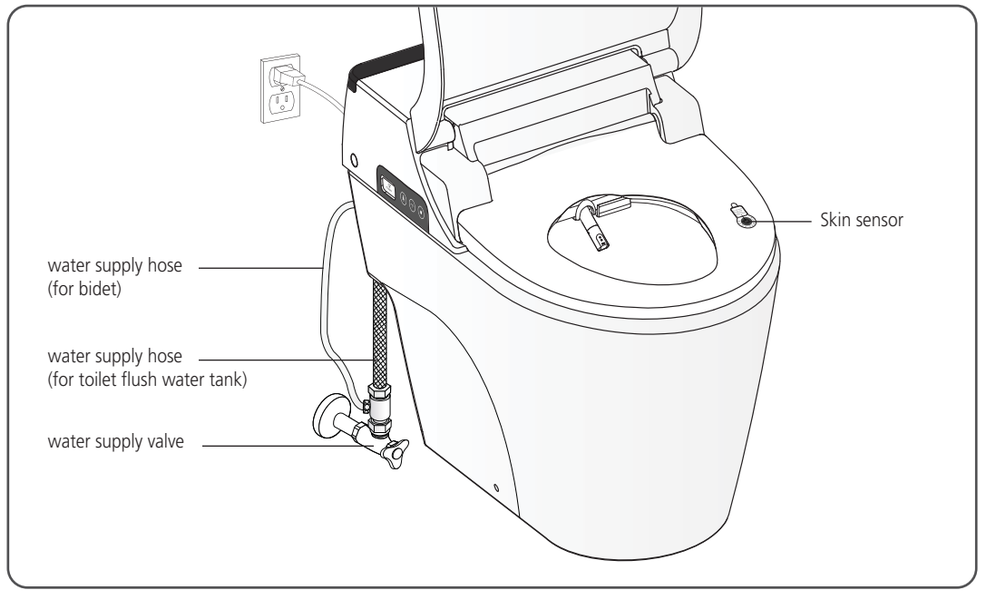


❸ When the seat LED turns off, RF type remote control and main unit are synchronized.

7 Initial operation

⚠ Before installing the product, please turn on the water for 3 minutes to flush the hose

1 Turn to the left to open the inlet valve and check to make sure there are no leaks in the hose connection.



2 Connect power plug to 120V outlet.

- If LED light is not working after plugging in outlet, push the (back wash) or (front wash) button on the simple control. (Remember this control pad is located on the side of the bidet top.)
- It will make "beep" sound if water begins to flow into the unit

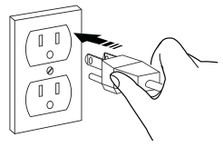
3 **Push back wash or front wash then water will begin to flow into unit.**

4 While sitting on the unit, please check each function by following user manual.

- This product only works when user sits on the seat.
- Please be aware that your skin must be in contact with the skin sensor to initiate functions.

8 Checklist before use

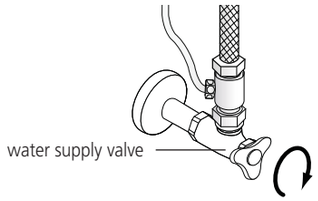
1 Only use a grounded 120V/60Hz outlet for this unit



- To operate properly, this product needs to be plugged in.

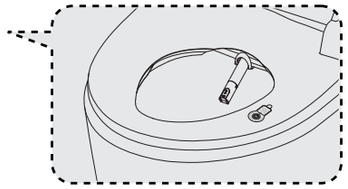
Checklist after installation

2 Open the water valve and determine if there are any leaks



- To operate properly, water has to be supplied.

3 Please sit on center of seat.



- If baby seat is installed on seat, the product will not operate properly. (Skin sensor will not detect baby seat.)
- Before use of this product, please remove the skin sensor sticker.

4 If water pressure is weak.

- During flushing, water pressure may be slightly diminished.
- You may experience delayed/nominal nozzle function if water pressure is low.

5 Cleaning the body unit

Beware not to use any bathroom cleaning detergents such as benzene acid chemical detergent on the seat exterior.

- Using any type of chemical products or rough scrubbers on the electronic toilet seat surface, which is made out of plastic material can either damage or change its color.

Do not spray water directly or use a shower hose on the main body unit.

- Can cause fire or damage to the unit.

When cleaning, the power cord must be unplugged from the power outlet, and make sure water does not contact the cord and/or outlet.

After cleaning, use a soft cloth to dry the unit.

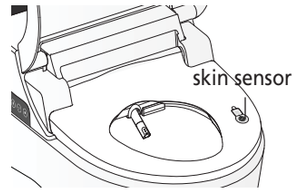
⚠ **Do not use any cleaning products such as Oxy Clean.**

9 How to use (Summary)

1 Sit on the seat

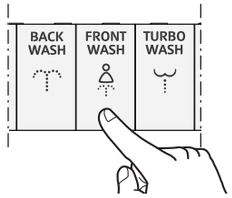
If skin sensor is not working, the control button may not work.

- If user's skin is not in direct contact with the skin sensor
- If baby seat is installed on the product



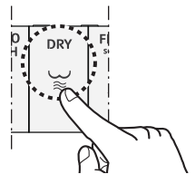
- Please have full contact with the skin sensor when sitting on the seat
- If the skin sensor cannot detect the skin, back wash, front wash, turbo wash, and/or dryer function may not work.

2 Push front wash, back wash, or turbo wash button.



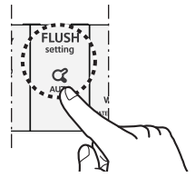
- Can use front wash, back wash, or turbo wash functions
- Each function operates for approximately 2 minutes and stops automatically
- Push the button again for continued use.

3 Push the dryer button.



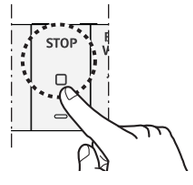
- Dryer function operates while the LED light (water pressure/dry temperature) on remote control is on
- The dryer function works approximately 3 minutes and stops automatically
- Push the dryer button again for more drying

4 Push the auto flush button.



- Change auto flush to manual flush by holding button for 3 seconds

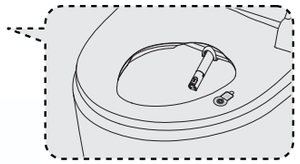
5 Push the stop button.



- All functions will immediately stop: Back wash, turbo wash, front wash, or dryer function will stop.

Sit on the seat

- Please make sure that your skin is in direct contact with the **skin sensor** when sitting on the seat to fully activate.

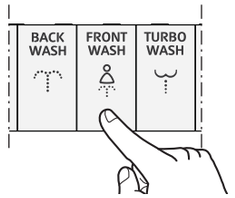


Reference

- Do not press the control buttons (remote control/single controls) harder than needed.
- This can cause damage. Please be aware to pull down your clothes amply and do not cover the seat with any clothing items, as it can prevent the seat from activating.

Push Front wash, Back wash, or Turbo wash button

- Each function runs for approximately 2 minutes.

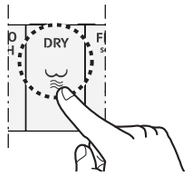


Reference

- Front wash, Back wash, or Turbo wash stops automatically after 2 minutes.
- For additional use, press function again.
- Front wash and Back wash button are located on the front of the remote control.

Push the dry button

- The dryer function operates for approximately 3 minutes.
- When the dryer button is pushed, the auto flush function works automatically.

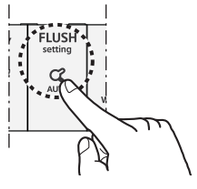


Reference

- When dryer function is selected, deodorization stops
  After dryer function stops, deodorization starts again. (Normal operational conditions)

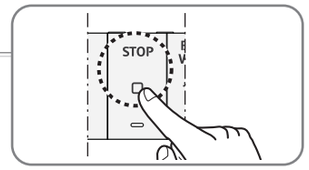
Push the auto flush button.

- Push the auto flush button on remote control to operate auto flush function.
- By pushing the button for 3 seconds, the auto flush function will change to manual flush.



Push the Stop button.

- Back wash, turbo wash, front wash or dryer function will stop

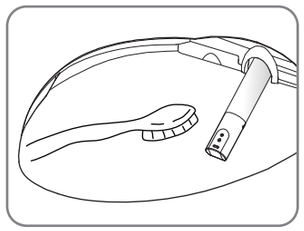


Automatic self-cleaning nozzle

- Before and after any wash function, the nozzle will automatically clean itself. It is normal to see water spraying

How to clean the nozzle

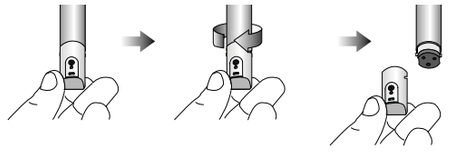
- Without sitting on the seat - Push the [Back wash button] for 3 seconds on simple control (side controls on seat).
  The nozzle will come out and stop.
- Brush the nozzle with a soft bristled brush.
- After cleaning, press the [Stop button] and the nozzle will perform its self-cleaning function



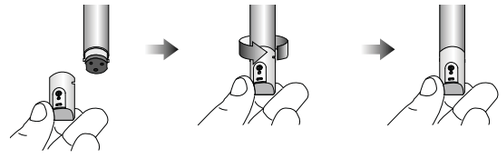
Even if the stop button is not pushed, nozzle cleaning function runs approximately for 2 minutes and will automatically stop.

Nozzle Change

Nozzle Seperation

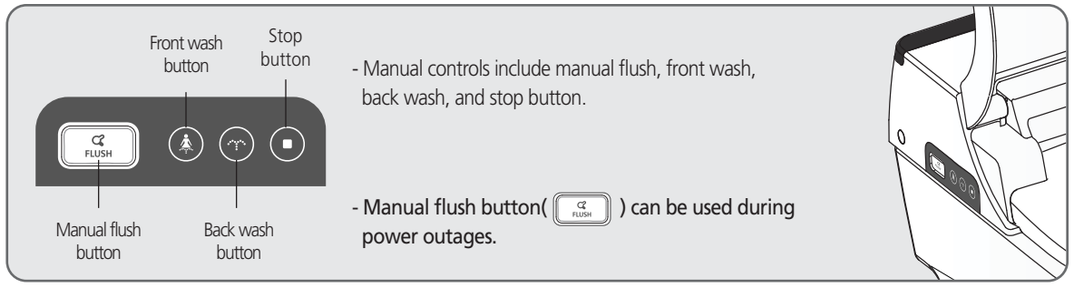


Nozzle Combination



■ Manual Control

※ Manual controls can be used if there is a power outage or remote control is damaged or lost



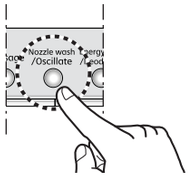
- Manual controls include manual flush, front wash, back wash, and stop button.

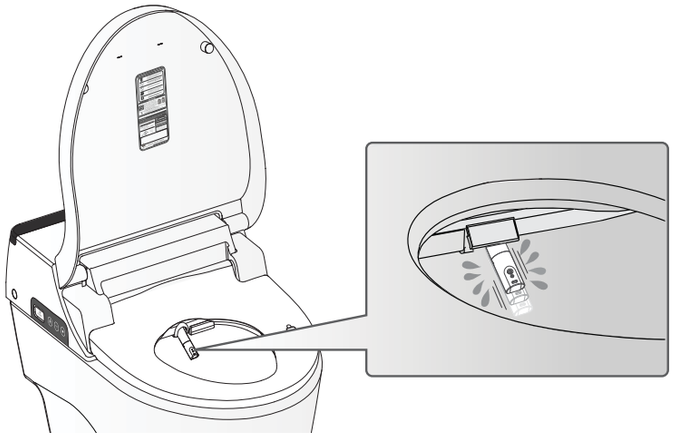
- **Manual flush button(FLUSH) can be used during power outages.**

- Water pressure and nozzle position of front and back wash can be adjusted by 5 levels.
- Remote control cannot be used if front wash, back wash, oscillate, or massage function are being operated manually.
- To use oscillate or massage function after using simple control, please push the same button on the remote control one more time and push the oscillate or massage button

■ Automatic self-cleaning nozzle function

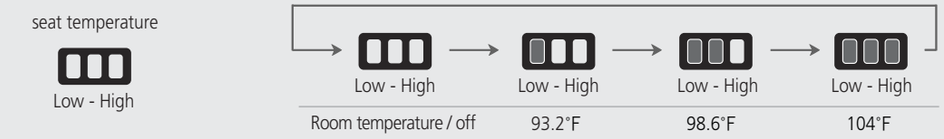
- Without sitting on the seat, water flows automatically.
- Nozzle moves for about 20 seconds to wash entire nozzle and then automatically retracts.





■ Seat temperature control

- If seat temperature button is selected, LED display will show selected temperature.



Reference

- Please close the seat cover when the product is not used.
  It will keep seat warm and save electricity.

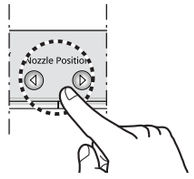
Low temperature safe mode

- After 15 minutes sitting on the seat, maximum seat temperature will be reduced gradually in 5 minute increments for 30 minutes.

■ Nozzle position control

- To set the nozzle position, please push the nozzle position button (back or front) while using front wash, back wash, or turbo wash.
- Nozzle position which was previously set is saved.

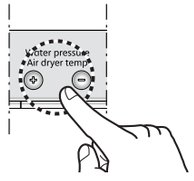
※ **Nozzle position can be adjusted by 5 levels.** WATER/DRYER □□□□□



■ Air Dryer temperature control

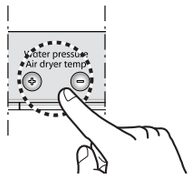
- Push water pressure/dryer temperature (+High or - Low) to set air dryer temperature.
- Dryer temperature which was previously set is saved.
  (Push water (+) high or (-) low button to set dry temperature.)

※ **Air Dryer temperature can be adjusted by 5 levels.** WATER/DRYER □□□□□



■ Water pressure control

- Push water pressure/dry temperature (+ High or - Low) to set water pressure from 1 to 5 levels.
- Water pressure which was previously set is saved. (Push (+) High or (-) Low button to set water pressure)

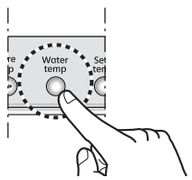


(NOTE) If the water pressure is weak.

- Check if the water pressure is set to "low"

■ Water temperature control

- Press the water temperature button, and LED display will change, so you can select your desired water temperature. You can set the water temperature while using water.



water temperature

Low - High

Low - High	Low - High	Low - High	Low - High
Room temperature / off	93.2˚F	98.6˚F	104˚F

■ Massage

- During the Front wash, Back wash, or Turbo wash function, push the Turbo wash/Massage button to start the Massage function.
(When massage function is working, push the turbo/massage button to stop the function.)

Auto massage function: The massage function is automatically activated when using each wash function. (Front, Back, or Turbo wash)

How to set auto massage function

- After using each wash function (Front, Back, or Turbo wash) push stop button and then push massage button. Hold for 3 seconds to set massage level. Unit will beep when set.
- Push the button again for 3 seconds to cancel massage setting. Unit will beep twice when cancelled.
- After auto massage function is set for each wash function (Front wash, Back wash, or Turbo wash), massage function will be operated automatically during each function even If user did not put the massage button.

Hold for 3 seconds to set massage level. Unit will "Beep" when set.

Hold for 3 seconds to cancel massage setting. Unit will "Beep" twice when deactivated.

- When selected "Beep", when canceled "Beep beep"

■ Oscillating

Auto oscillation function: Even if user does not push oscillation button when user uses each wash function, (Front wash, Back wash, or Turbo wash) oscillation is set to operate automatically.

How to set or cancel the automatic oscillation function.

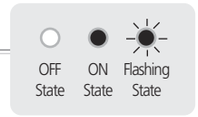
- After using each wash function (Front wash, Back wash, or Turbo wash), push stop button and then push oscillate button for 3 seconds, then auto oscillate function will be set up with "beep" sound. Push the button one more time for 3 seconds, and it will cancel the oscillation function. Unit will beep twice when cancelled.
- After auto oscillation function is set for each wash function (Front wash, Back wash, or Turbo wash), oscillation function will operate automatically during each function even if user did not push the oscillation button.

Hold for 3 seconds to set auto oscillation level and unit will "Beep" when set.

Hold for 3 seconds to cancel oscillation setting. "Beep beep" will sound.

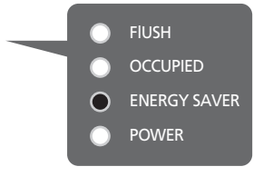
- When selected "Beep", when canceled "Beep beep"
- Even if the power is out or reboot it, auto move function setting will remain

■ Energy saver



■ Saver On/ Off

- When pressing (Energy saver /Deodorizer) the energy saver LED on the main unit will turn on
- Energy saver mode automatically maintains water and seat temperature of 89.6℉(32℃)



In energy saver mode, the seat heating temperature could appear to be lower than the actual temperature setting.

Other energy saver tips

In order to save energy, please abide by the following instructions:

- Keep seat cover closed when not in use to prevent heat from being lost.
- Keep temperature set to low.
- Please unplug the power cord if you do not plan to use the unit for a long period of time.

■ Deodorizer

■ Deodorizer ON/Off (initial setting is Off)

- Please press button for (Energy saver /Deodorizer) 3 seconds (press button again for 3 seconds, the function is cancelled.)
- After setting deodorizer function, it is automatically activated when sensing person.

"Deodorizer" button
Press 3 seconds
Single chime

"Deodorizer" button
Press 3 seconds
Double chime

- Select: Single Chime
- Cancel: Double Chime

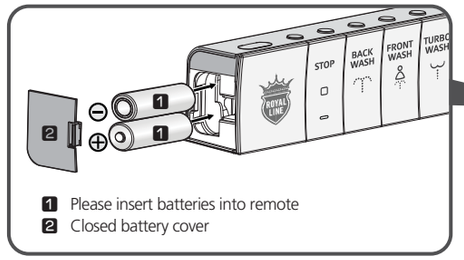
- Deodorizer function automatically stops after approximately 1 minute

Reference

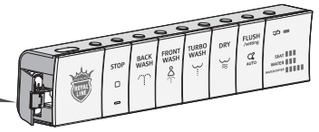
- Deodorizer function stops while dryer is selected. After dryer function completes, deodorizer automatically activates.

■ Battery Replacement

- If LED light on main unit does not go on when pressing button on the remote control - change battery.
- LED light turns on with initial push of desired button, press again to activate function.
- After 10 minutes, unit goes into energy saver mode.
- You will need to reset functions after changing batteries.



1 Please insert batteries into remote
2 Closed battery cover



(Be careful +, - ,polarity)

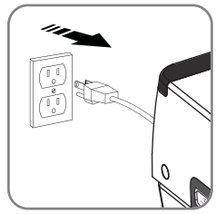
1:1 real size
1.5V Alkaline AAA battery

Replace batteries

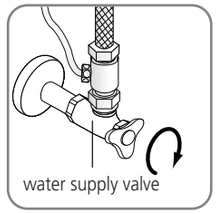
Change batteries when LED is flashing.

12 Draining water from tank

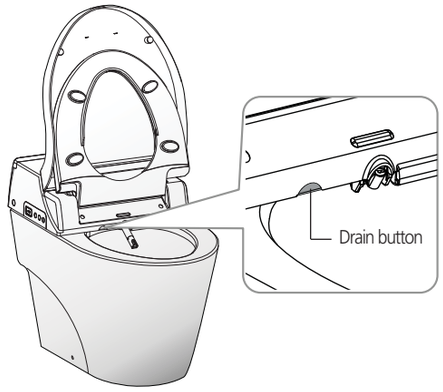
1 Disconnect the power plug



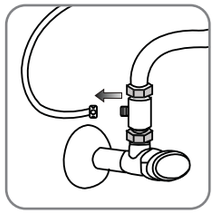
2 Shut the valve by turning it to the right



3 Press and hold the drain button located on the side of the body unit.



4 Loosen the nut on the hose that is connected to the unit, and then separate the electronic toilet seat from the toilet in the following order as illustrated.



Do not turn the seat upside-down. This can cause damage to the unit as well as fire hazard.

※ Raise main unit of bidet after separated Fix Cap (arrow indicated) & fixed bolt

5 Disconnect the T-valve from the water supply. (Refer to page 13)

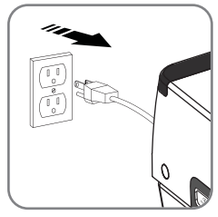
6 Separate bidet after disconnecting bidet and toilet hose

7 Connect the water hose to the toilet which was disassembled while installing the electronic toilet seat, and turn the water valve to the left to open it. See if there is any leaking from the water hose connection.

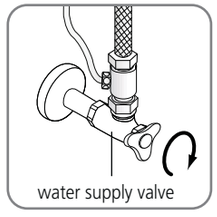
13 Separation of unit from the toilet bowl

※ Please follow the instructions below when moving or separating the unit from the toilet for cleaning purposes

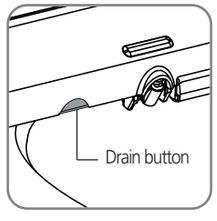
1 Disconnect the power plug



2 Shut the water supply valve

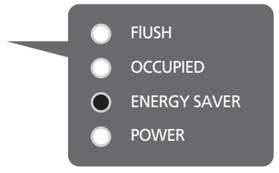


3 Push and hold the drain button in the center of the bidet top to completely drain the water from the internal unit.



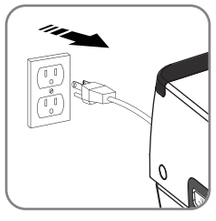
14 Maintenance for winter season

1 Check if the power cord is plugged in securely.
- power is connected, led is lighten



2 Adjust the (Seat temp) button to “low” to prevent water from freezing.

3 If the product is not used for a long period of time, please disconnect the power cord and drain the water from the internal unit.



15 Trouble shooting

※ Please be sure to check the following aspects before asking for help.

Trouble shooting	Factors to check
The water does not spray	- Check if the water tank is filled. - See if the water valve is open - Check if the water filter (strainer) is clogged.
The unit is not operating	- Check if the power cord is connected. - See if the power is turned off from the main unit. - Make sure that the Skin sensor on the seat touches your skin when you sit on the seat.
Water is leaking	- Ensure plumbing is properly connected. If water is leaking from the main unit disconnect and contact service personnel.
Water pressure is weak	- Check if the water pressure is set to "low"
Seat, water and dryer is not warm	- See if seat temperature is set to "low". - See if the water temperature is set to "low". - See if the dryer temperature is set to "low".
When the nozzle doesn't come out	- Make sure skin is touching Skin sensor
When water is cold or warm	- Adjust the temperature
Body unit shakes	- Tighten the bolts (do not over-tighten)
Dryer does not work	- Make sure skin is in contact with skin sensor

16 Specifications

Specification		TH-0111
Power rating		120V / 60Hz / 1400W
Water inlet type	Type	Direct inlet Flow Type, Low Tank
	Water inlet pressure	1.0 ~7.0 kgf/cm² (14.2psi ~ 99.6 psi)
Wash device	Back	Max. 700cc ± 150cc / min
	Front	Max. 700cc ± 150cc / min
	Water pressure adjustments	1 ~ 5 levels
	Warm water temperature control	Room Temp. ~ 93.2℉, 98.6 ℉, 104 ℉
	Heater	1340W
	Safety device	Bi-metal, Thermal fuse, Flow sensorHeated
Heated Seat	Temperature control	Room Temp. ~ 93.2℉, 98.6 ℉, 104 ℉
	Heater	55W
	Safety device	Thermal fuse, temperature sensor in seat, Prevent low-temp burning
Warm Air Dryer Device	Warm air control	Room temp ~ 113 ℉ , 5 levels
	Heater	250W
	Safety device	Thermal fuse
Turbo wash function		○
ELB		×
Economy mode		○
Deodorizer		○
Inlet water temperature		41℉~ 93.2℉ (recommended 54℉~ 93.2℉)
Ambient temperature		41℉~ 104℉ (recommended 54℉~ 93.2℉)
Dimensions		W: 415mm(16.34inch) L: 695mm(27.36inch) H: 145mm (5.71inch)
Weight		43.74kg (96.43 lbs) (China bowl:38kg(83.78lbs) Bidet:5.74kg(12.66lbs)

* Recommended water pressure is 1.0 ~7.0 kgf/cm²

Other

17 Information to the user

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment and limited warranty.

18 Warranty

ONE YEAR WARRANTY

VALID ONLY WITH ORIGINAL PURCHASE RECEIPT

Warranty: Royal Line LLC warrants this product against defects in any parts or workmanship for a period of 1 year from the original purchase date. This product is for residential use only. It is not intended to be used in commercial or industrial settings. This product warranty covers only the original consumer purchaser of the product.

Warranty Coverage: This warranty is void if the product has been damaged by accident, neglect, improper handling or operation, shipping damage, abuse , misuse, unauthorized repairs, made or attempted, alterations, improper assembly/installation or maintenance, commercial use or other causes no arising out of defect in materials or workmanship. This warranty does not extend to any units which have been altered or modified or to damage to product or parts there of which have had the serial numbers removed, altered, defaced, or rendered illegible.

Implied Warranties: Any implied warranties which the purchaser may have are limited in duration to 1 year from the date of purchase. This limited warranty is in lieu of all other warranties expressed or implied, including warranties or merchantability and fitness for a particular purpose and excludes all liability for incidental or consequential damages for any cause whatsoever.

Warranty Performance: During the above 1 year warranty period, a product with a defect will be replaced when the product is returned to an authorized dealer. The replacement part will be in warranty for the balance of the 1 year period and an additional one-month period. No charge will be made for such replacement.

This Warranty does not cover the following

1. Defects and/or malfunctions from failure to properly install, operate and/or maintain the unit in accordance with the installation manual.
2. Damage from abuse, fire, flood, freeze, and any other acts of nature.
3. Damage resulting from unauthorized alterations, attachments and/or repairs.
4. If the product was not installed properly.
5. Damage to the unit by animals, mice or insects.
6. Damage caused by excess moisture or from water flooding the bathroom.
7. Damage from not being installed in accordance with all applicable local codes, ordinances and good trade practices.
8. Color fading due to use in wrong environment.
9. Damage from exposure to chemicals and cleaners
10. The warranty will not be covered without providing the date of purchase with original receipt.

WARRANTY REGISTRATION

To ensure your warranty protections you must complete and return this card with a copy of your receipt to **Royal Line**, within 15 days after date of purchase to validate your warranty.

Model _____ *Serial Number # _____

Purchaser

_____

Company _____

Address _____ Zip code

City _____ Country _____

Phone _____ Fax _____ E-mail _____

Dealer (Company)

_____ Dealer Code _____

Address _____

_____

*The serial number is located in the lid of the unit.

PLEASE SEND TO

Attn: Warranty Dept.
Royal Line LLC
PO BOX 1313 Seaford, NY 11783

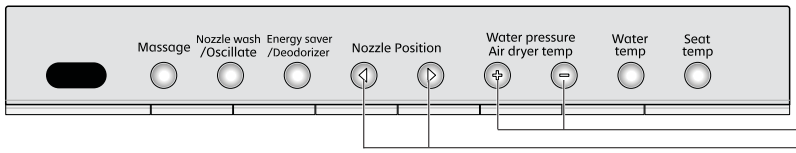
Service Department
Inquiries and support
Email: customerservice@royallinellc.com
Phone: 800-516-7450

Other

Quick Guide

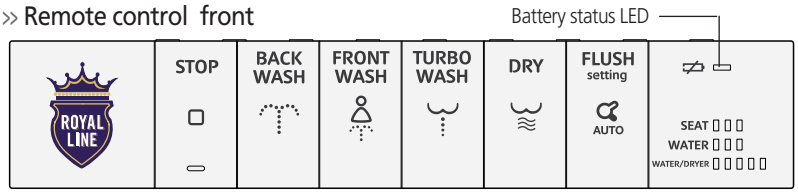
Remote control

» Remote control top

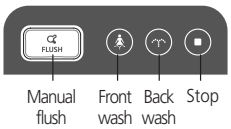


- The water pressure and dryer temperature
- The nozzle position can be adjusted

» Remote control front



Manual Control



- Manual controls include manual flush, front wash, back wash, and stop buttons to use these functions quickly and easily.

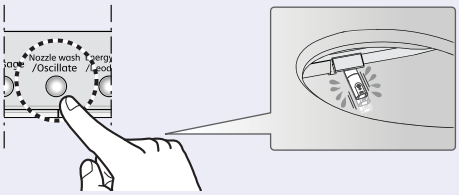
- Manual flush button( ) can be used during power outages.

STOP	Stop	Stop all operation	Massage	When selected during wash function, it starts massage wash. (To stop massage function, push the button one more time)
BACK WASH	Back wash	Back wash	Nozzle wash	Washes nozzle for 20 seconds
FRONT WASH	Front wash	Front wash	Oscillate	When selected during wash function nozzle oscillates automatically for a wider wash. To stop oscillating function, push the button again.
TURBO WASH	Turbo wash	Turbo wash	Energy saver	With automatic energy function, the seat temperature will stay at 89.6°F. If no one is using bidet, it returns to sleep mode. The automatic sleep mode can be adjusted by pressing energy safe button. (On/Off)
DRY	DRY	Dry washed area	Deodorizer	After user stands up from the seat, it works approximately one more minute and automatically turns off. When the dryer function is selected, deodorization stops.
FLUSH setting AUTO	Flush	Flush the toilet	Water temp	The water temperature can be adjusted up to 4 levels (off, low, middle, high) and can be checked by LED light
	Setting	Push this button for 3 seconds to set Auto Flush Setting (On/Off)	Seat temp	The seat temperature can be adjusted up to 4 levels (off, low, middle, high) and can be checked by LED light

When Battery statue LED flashes, please change the battery.

Automatic self-cleaning nozzle function

- Without sitting on the seat, select automatic self-cleansing nozzle, and water flows automatically.
- Nozzle moves for about 20 seconds to wash entire nozzle and then automatically retracts.



Initial setting for RF transmission remote control

❶ Without sitting on the seat, push and hold stop and front wash button for 5 seconds on the simple control until the seat LED is turned on.

❷ Push the stop button and seat button at the same time on the remote control for 10 seconds. Check that the seat LED is turned off with "beep" sound.

❸ When the seat LED turns off, RF type remote control and main unit are synchronized.